

ABSTRACT OF THE DISCLOSURE

Disclosed is active material for a positive electrode used in lithium secondary batteries of Formula 1 below and a method manufacturing the same, a surface of the active material being coated with metal oxide. The method includes the steps of producing a crystalline powder or a semi-crystalline powder of Formula 1; coating the crystalline powder or the semi-crystalline powder with metal alkoxide sol; and heat-treating the powder coated with the metal alkoxide sol.

[Formula 1]



where $0 < x \leq 0.3$, $0 \leq y \leq 0.01$, and

A is an element selected from the group consisting of Ni, Co and Mn; B is an element selected from the group consisting of Ni, Co, Mn, B, Mg, Ca, Sr, Ba, Ti, V, Cr, Fe, Cu and Al; and C is an element selected from the group consisting of Ni, Co, Mn, B, Mg, Ca, Sr, Ba, Ti, V, Cr, Fe, Cu and Al.

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